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TITLE: THERMAL RECORDING MATERIAL

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ABSTRACT:

PURPOSE: To provide the titled material having excellent reliability in the water resistance and chemical resistance of an image, suitable for high speed recording and having high sensitivity, constituted by containing a zirconium compound in the water soluble polymer protective layer provided on a thermal color forming layer.

CONSTITUTION: In a thermal recording material wherein a thermal color forming layer containing a leuco dye (e.g., 3-N-ethyl-N-acylamino-6-methyl-7-anilinofluorane) and a coupler (e.g.,

bisphenol A) is provided on a support such as high grade paper and a water soluble polymer protective layer is provided on said color forming layer, a

**zirconium** compound [e.g.,  $\text{Na}_2\text{ZrSiO}_5$ ,  $\text{ZrOCl}_2 \cdot 8\text{H}_2\text{O}$ ,  $\text{ZrOSO}_4 \cdot n\text{H}_2\text{O}$ ,  $\text{ZrO}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$ ,  $\text{ZrO}(\text{CO}_3)_2 \cdot n\text{H}_2\text{O}$ ,  $\text{ZrO}(\text{OH})_2 \cdot n\text{H}_2\text{O}$  or  $\text{ZrO}(\text{C}_2\text{H}_3\text{O})_2$ ,  $(\text{NH}_4)_2\text{ZrO}(\text{CO}_3)_2$ ] is contained in said protective layer.

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